

VALERIE G. DUGAN  
BRIAN M. DUGAN, PH.D.

**DUGAN & DUGAN, PC**  
PATENTS, TRADEMARKS & COPYRIGHTS  
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TARRYTOWN, NY 10591

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FACSIMILE COVER SHEET

October 16, 2003

PLEASE DELIVER THE ATTACHED MESSAGE TO:

Examiner: KARLA A. MOORE  
USPTO

Phone No.: (703) 305-3142  
Fax No.: (703) 872-9311

From: Brian M. Dugan

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Our File No.: 5640/DISPLAY/AHRDWR/RKK

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Applicants : Emanuel BEER and Kenneth E. BAUMEL  
Serial No. : 09/891,784  
Filed : June 25, 2001  
For : APPARATUS AND METHOD FOR THERMALLY  
ISOLATING A HEAT CHAMBER  
Examiner : KARLA A. MOORE  
Group Art Unit : 1763

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TOTAL NUMBER OF PAGES INCLUDING THIS PAGE: 8

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\* \* \*

Docket No. 5640/DISPLAY/AHRDWR/RKK

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Rc: Inventor(s): Emanuel BEER and Kenneth E. BAUMEL  
Title: APPARATUS AND METHOD FOR THERMALLY ISOLATING A HEAT CHAMBER  
Serial No.: 09/891,784  
Filed: June 25, 2001  
Examiner: KARLA A. MOORE  
Group Art Unit: 1763

Transmitted herewith is:

- ☒ Interview Summary
- ☒ Notice of Appeal from the Primary Examiner to the Board of Patent Appeals and Interferences
- ☒ Request for 3 Month Extension of Time

FEE CALCULATION					
Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims		- 20 =		X \$18.00	\$0.00
Independent Claims		- 3 =		X \$84.00	\$0.00
Basic Filing Fee				\$740.00	\$0.00
TOTAL FEES					\$0.00

☒ The Commissioner is hereby authorized to charge \$1,280.00 to Deposit Account No. 04-1696.

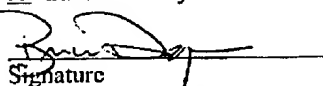
☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1696. A duplicate copy of this transmittal is enclosed.

☒ Please address all future correspondence to:

PATENT COUNSEL  
APPLIED MATERIALS, INC.  
Legal Affairs Department  
P.O.BOX 450A  
Santa Clara, CA. 95052

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10/16/03  
Date

BRIAN M. DUGAN  
(name of person certifying)

Respectfully submitted,

  
Brian M. Dugan  
Registration No. 41,720

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Emanuel Beer and Kenneth E. Baumel  
Serial No. : 09/891,784  
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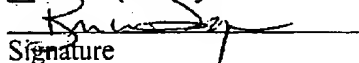
INTERVIEW SUMMARY

On October 15, 2003, Applicants' undersigned attorney, Brian M. Dugan, telephoned the Examiner to discuss the rejection of claims 1, 2, 5-9 and 11-21. During the telephone interview, U.S. Patent No. 5,286,296 (Sato et al.) and U.S. Patent No. 4,997,364 (McGrath et al.) were discussed. Specifically, Applicants' undersigned attorney stated that there appears to be no motivation to combine the Sato et al. and McGrath et al. references because the relied upon portions of Sato et al. appear to be concerned with pressure regulation, not heat transfer. That is, there appears to be no motivation to employ the teachings of

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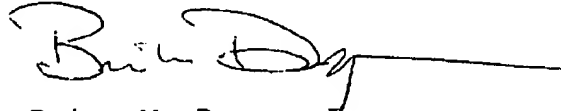
10/16/03  
Date

Brian M. Dugan  
(name of person certifying)

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McGrath et al. to modify the gate valves of Sato et al. as the gate valves of Sato et al. are employed for pressure regulation not heat regulation. No agreement was reached.

Respectfully submitted,



Brian M. Dugan, Esq.  
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Dated: October 16, 2003  
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